

BOROUGH OF NUNEATON.



Annnaal Report

OF THE

Medical Officer of Health,

FOR THE YEAR 1909.



NUNEATON :

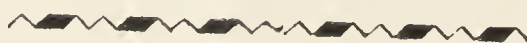
COLEMAN AND McCORMICK, LTD., "OBSERVER" OFFICE,

1910.

BOROUGH OF NUNEATON

SANITARY COMMITTEE,

1909.



CHAIRMAN :

COUNCILLOR T. HORTON, J.P.

VICE-CHAIRMAN :

COUNCILLOR H. LESTER.

THE MAYOR (*Ex-officio*).

ALDERMAN W. T. BATES.

COUNCILLOR W. B. BUCKLER.

„ J. CLAMP.

„ A. RAYNER.

„ C. READER.

„ H. SLINGSBY.

„ J. WHEWAY,

Borough of Nuneaton.

ANNUAL REPORT OF THE Medical Officer of Health, 1909.

MUNICIPAL OFFICES,
NUNEATON,
February, 1910.

*To the Mayor, Aldermen, and Councillors of the Borough of
Nuneaton.*

MR. MAYOR AND GENTLEMEN,

I have the honour of submitting to you my report for the past year, concerning the vital statistics and general sanitary condition of your Borough.

The estimated population computed to the middle of 1909, is based on the number of houses in the rate book, taking the average of 4.88 persons per house as at Census of 1901.

Ward			Houses			Population.
St. Nicholas	..	...	1959	...	...	9559
St. Mary's	...	...	1559	...	...	7607
Stockingford	..	...	1739	...	...	8486
Chilvers Coton	...	...	2129	...	...	10389
Totals			7386	36041		

During the year 378 deaths were registered, 191 males and 187 females, distributed in the Wards as follows :

Ward	No. of Deaths.	Death Rate.	Zymotic.	Total Death Rate.
St. Nicholas	115	10.9	1.0	11.9
St. Mary's	80	8.8	1.7	10.5
Stockingford	89	9.0	1.0	10.0
Chilvers Coton	94	7.9	0.8	8.7
Totals	378	9.1	1.1	10.4

The total death rate amounted to 10.4 per 1000 per annum as against 10.5 in 1908.

The total Births registered numbered 1135, Males 570, and Females 565. This is equal to a birthrate of 31.2 per 1000 per annum, against 34.5 in 1908.

The Natural increase of the population by increase of Births over Deaths was 757. 25 illegitimate births were registered, viz.: 9 males and 16 females.

AGES AT WHICH DEATH TOOK PLACE.

	St. Nicholas.	St. Mary's.	Stock- ingford.	Chilvers Coton.	Total.
Under 1 year	27	24	32	21	104
1 year and under 5 years	8	15	11	11	45
5 years and under 15 years	6	2	7	6	21
15 years and under 25 years	6	2	3	4	15
25 years and under 65 years	32	23	17	33	105
65 years and upwards ...	36	14	19	19	88
Totals	115	80	89	94	378

BIRTHS DISTRIBUTED IN WARDS.

Month	St. Nicholas.		St. Mary's.		Stockingford.		Chilvers Coton.		Month.
	Male	Female	Male	Female	Male	Female	Male	Female	
Jan.	10	11	11	11	18	11	4	19	95
Feb.	9	11	13	10	16	5	11	15	90
Mar.	10	11	5	12	14	11	13	14	90
Apr.	8	12	8	14	9	12	12	11	86
May	13	13	10	9	13	11	14	14	97
June	8	18	12	14	16	12	14	9	103
July	8	18	14	18	9	13	12	12	104
Aug.	14	15	11	9	17	13	20	16	113
Sept.	12	7	11	15	11	10	9	14	89
Oct.	16	8	12	13	8	6	6	16	85
Nov.	10	4	7	8	14	12	15	8	78
Dec.	15	6	16	9	17	12	15	13	103
Totals	133	134	130	142	162	128	145	161	1135
Grand Ttl.	267		272		290		306		1135

INFANTILE MORTALITY.

	Population.	Births.	Deaths under 1 year.	Infantile Mortality.
St. Nicholas	9559	267	27	101
St. Mary's	7607	272	24	88
Stockingford	8486	290	32	110
Chilvers Coton	10389	306	21	68
Totals	36041	1135	104	91

The mother's milk is the natural food up to at least six months, providing it is good in quality, and sufficient in quantity, if insufficient or deficient in quality, fresh cow's milk, suitably diluted, according to the age of the infant.

All milk should be boiled and stored away, that neither dust or germs can render it unwholesome.

ARTIFICIAL FEEDING.

The feeding bottles to use is that known as the "Boat," the worst kind is the one with the long india-rubber tube.

No child under six months should be allowed to partake of any kind of artificial food.

INFECTIOUS DISEASES.

Small Pox.—No cases reported during the year.

Scarlet Fever.—37 cases were reported in the Borough. (St. Nicholas 12, St. Mary's 16, Stockingford 1, Chilvers Coton 8, as against 43 in 1908. 20 cases were removed to the Isolation Hospital, in addition to which, 1 case was admitted from Bulkington. No death took place.

Diphtheria.—13 cases were reported, St. Nicholas 0, St. Mary's 3, Stockingford 4, Chilvers Coton 6, as against 8 in 1908. In most cases no definite cause could be traced. 3 deaths occurred. 1 Stockingford and 2 Chilvers Coton.

ENTERIC FEVER.

Six cases were reported, as against 11 in 1908 : St. Nicholas 3, Stockingford 1, Chilvers Coton 2. Two deaths took place, both in St. Nicholas.

In these cases four were supplied with Town Water, and two cases (one supply) Pump Water which was condemned. Ashpit Privies in three cases, Water Closets in the others.

Town Water has been laid on, and Privies converted into Water Closets.

Of the six cases, three could not be accounted for, of the others two were due to insanitary conditions, and one imported.

MEASLES.

Measles have been very prevalent, 3 deaths St. Nicholas, 7 St. Mary's, 5 Stockingford, 5 Chilvers Coton, which were principally due to Pulmonary complications.

WHOOPIING COUGH.

Five deaths occurred, as against nine in 1908 : 2 St. Nicholas, 2 St. Mary's, 1 Stockingford, Chilvers Coton 0.

DIARRHŒA.

Eight deaths were registered, against 13 in 1908, St. Nicholas 3, St. Mary's 2, Stockingford 3, Chilvers Coton 0.

INFLUENZA.

Four deaths were registered, as against 3 in 1908, St. Nicholas 0, St. Mary's 1, Stockingford 2, Chilvers Coton 1.

WATERS ANALYSED.

Nuneaton Ward, 3.—Two condemned, one not.
Chilvers Coton Ward.—Two, both condemned.

ISOLATION HOSPITAL.

Matron : Miss E. F. James.

Twenty cases of Scarlet Fever have been admitted during the year, viz.:—12 males and 8 females, as against 36 in the previous year ; in addition one case was admitted from Bulkington. The following table gives the number of Scarlet Fever cases occurring in the Borough since 1897 :

Year.	Estimated Population.	No. of Cases reported.	No. of deaths.	No. of Cases removed to Hospital.	Per Centage removed to Hospital
1897 ..	20,673	139	7	11	7.9
1898 ...	21,737	109	2	26	23.8
1899 ...	22,856	85	5	20	23.5
1900 ...	23,186	53	1	22	41.5
1901 ...	25,239	167	8	58	34.1
1902 ...	26,084	211	10	80	37.9
1903 ...	27,182	96	1	51	53.1
1904 ...	28,159	195	4	112	57.4
1905 ...	29,709	126	2	26	20.6
1906 ..	32,255	97	3	61	62.8
1907 ...	32,583	60	1	42	70.0
1908 ...	33,706	43	0	36	83.7
1909 ...	36,041	37	0	20	54.0

Of the Scarlet Fever cases admitted ; St. Nicholas 6, St. Mary's 8, Stockingford 0, Chilvers Coton 6.

Scarlet Fever has been less prevalent during the year.

Cost of Hospital for the year, 1909,

ISOLATION HOSPITAL ACCOUNT,

For Year ending 31st December, 1909.

EXPENDITURE.

					£	s.	d.
Salaries of Staff	...	...	...	...	125	3	8
Extra Nursing	...	...	...	...	8	13	1
Telephone	...	...	...	...	12	0	0
Insurance	...	...	...	...	8	14	5
Contribution to General Hospital	...	...	...	...	30	0	0
Wages	...	...	...	...	65	14	0
Team Labour	...	...	...	...	4	2	6
Provisions	...	...	...	...	139	19	0
Drugs and Chemist's Sundries	...	...	...	...	7	17	6
Drapery	...	...	...	...	14	12	2
Furniture, &c.	...	...	...	...	6	12	10
Pottery and Household Utensils	...	...	...	...	1	19	3
Coal, Coke and Firewood	...	...	...	...	32	14	1
Vaporising Oil	...	...	...	...	6	5	5
Water Supply	...	...	...	...	2	0	10
Stationery	...	...	...	...	2	4	0
Painting, &c.	...	...	...	...	5	12	6
Rent and Rates in respect of Cottage	...	...	...	...	11	9	1
Barb Wire, Repairs to Dynamo, &c., and sundry Payments	...	...	...	...	29	1	4
					514	15	8
Less, Retention monies from the Nuneaton Rural District Council, and Bulkington Urban District Council under Agreement					25	0	0
Nett Cost for year					489	15	8
Expenditure for year 1908					£555	7	8
20 Patients suffering from Scarlet Fever admitted.							
Cost per patient					25	7	8
Cost per patient in 1908					15	5	1

PHYSICAL CONDITIONS, GENERAL CHARACTER OF DISTRICT AND GENERAL CONDITIONS OF ITS POPULATION.

Geologically the whole district is on red marl, gently undulating but rises gradually to the north and west, eventually attaining an altitude of about 480 feet over ordinance datum, or roughly 200 feet above the town of Nuneaton. Outside the town

and its environs: the country is mostly under grass and sparsely inhabited. The majority of the inhabitants belong to the artisan and working classes. The house accommodation for the working classes is adequate, about 700 houses having been erected during the past two years.

The water supply is owned by the Borough, and the vast majority obtain their supply from this source. There are still a number of surface wells in the district, mostly in the rural parts.

MILK SUPPLY.

The character and wholesomeness of the milk produced in the district is satisfactory. The conditions of cow sheds, milk shops and dairies are generally being improved. The slaughter houses number 21, and are inspected by the Inspector and myself. No tuberculosis meat has been seized during the year. 119 lbs. of frozen mutton has been voluntarily surrendered.

SEWERAGE AND DRAINAGE.

The disposal of sewage is carried out on the bacteriological system. The sewage from almost the whole of the Borough is collected at the sewage pumping station, in St. Mary's Road, and pumped to outfall works at Hartshill, where it is treated by means of settling tanks, contact beds or percolating filters and on land. The sewage system generally is in a satisfactory condition, and new sewers are laid with Stanford's jointed glazed earthenware pipes.

POLLUTION OF RIVERS AND STREAMS.

The Wem Brook is polluted by effluents from the Bedworth Sewage Works, and the Sketchley Brook by the effluent from the Hinckley Urban Council Sewage Works. Both these pollutions are under the notice of the County Medical Officer.

EXCREMENT DISPOSAL.

Water Closets largely in use and ashpit privies, which are gradually being replaced by water closets.

REMOVAL AND DISPOSAL OF HOUSE REFUSE.

This is carried out by the Borough Council and disposed of by means of a destructor and tips.

There are a large number of ash bins, which are emptied weekly.

NUISANCES.

The district has been inspected for the detection of nuisances, and where found attention has been called to same and few remain unabated.

SCHOOLS.

As Medical Inspector of Schools, I have made the usual Annual Report to the Education Committee, which is attached to this report.

INFECTIOUS DISEASES.

One Hospital for Scarlet Fever, containing 28 beds, also a Joint Small-Pox Hospital for the accommodation of 20 patients. Two steam Disinfecting Apparatus, one at the Sewage Pumping Station, and one at the Small-Pox Hospital.

METHODS OF CONTROL OF TUBERCULOSIS.

By notification of Pulmonary Tuberculosis under the Public Health (Tuberculosis) Regulations, 1908, the premises are visited, instructions given and a spitting cup and disinfectants supplied, one case only has been notified during the year. The premises are disinfected after death in Tuberculosis Diseases on request. There is no hospital accommodation for this class of disease.

REPORT ON ICE CREAM POISONING OUTBREAK AT ATTLEBORO'.

I beg to report on the above, which occurred at Attleboro' on June 2nd, 1909. From enquiries made and visits made to sufferers I found 67 people had been affected, the ages varying from 15 months to 50 years.

1 at 18 months.	1 at 20 years.
2 at 2 years.	1 at 21 „
3 at 4 „	1 at 22 „
6 at 5 „	1 at 24 „
4 at 6 „	2 at 25 „
2 at 7 „	1 at 26 „
3 at 8 „	1 at 27 „
3 at 9 „	1 at 28 „
4 at 10 „	2 at 29 „
2 at 11 „	1 at 30 „
4 at 12 „	1 at 31 „
3 at 13 „	2 at 32 „
4 at 15 „	1 at 34 „
2 at 16 „	1 at 38 „
1 at 17 „	1 at 49 „
1 at 18 „	2 at 50 „
2 at 19 „	—

Total ... 67

The interval from partaking of the ice cream to the onset of the attack varied from 3 to 9 hours, and in one case 24 hours, and all persons eating the same were more or less affected. The ice cream was composed of milk, eggs, sugar and gelatine. The mixture was made on Monday evening, June 1st, and allowed to cool, but was not frozen until the next morning and was then ready for sale about 9-30 a.m. The apparatus used, at the time of my visit, was scrupulously clean, the premises comparatively new and in a sanitary condition. The milk was brought direct from a farm to

the customer, two gallons being delivered on the Monday night. Unfortunately, I was unable to obtain a sample of the ice cream, the maker informing me that it was all disposed of on the Tuesday. On June the 8th, a sample of faeces was taken from one person and a sample of blood from another, which was sent to the University of Birmingham for bacteriological examination, which the following is a copy of the report :—

“The sample of the faeces contains the bacillus of enteritides of Gaertner. We have obtained this germ in pure culture after many sub-cultures from the faeces.

The Blood, this was tested with a pure culture of the Gaertner Bacillus which we keep in the Laboratory, and agglutinated completely in dilutions as high as 1.100. Conclusion. These results show that both patients from whom the material was taken suffered from poisoning by the Gaertner Bacillis.” As Gelatine has been known to cause ptomaine poisoning in food, I considered it imperatively necessary to forward a sample for analysis, the following is a copy of the Analysis received on June 29th. “I am now able to state definitely that the analysis of this gelatine shows that it does not contain the bacillis enteritides of Gaertner, or any other germ capable of causing Ptomaine poisoning.”

After careful consideration, and analysing all the evidence obtainable, I am of opinion, that :—

1.—The outbreak of the epidemic was, undoubtedly, due to the consumption of ice cream.

2.—The persons, one and all, suffered from the same symptoms, viz.: severe diarrhœa, vomiting and collapse.

3.—The faeces and blood revealed the presence of the Gaertner Bacillus, a germ that indicates faecal or filth contamination, and is generally associated with epidemics of this kind.

4.—How this particular bacillis became incorporated, with, and so caused the epidemic, I am, absolutely, unable to say.

5.—The only redeeming feature, connected with this outbreak, is that not a single case of death has been reported.

The maker of the ice cream has supplied me with all the information asked for, and regrets his inability to afford me the slightest clue as to the cause.

My best thanks are due to all the Medical men for their prompt and valuable aid. In conclusion I would recommend :—

1.—That samples of ice cream should be taken and submitted to bacteriological examination at such times and as often as deemed necessary.

2.—That the premises should be visited from time to time.

3.—That vendors of ice cream should not dispose of any cream made previous to the day of sale, and only cream from the

previous day's milk should be used for making ice cream for the following day's consumption.

4.—That gelatine should not be used, being merely a solidifying agent, as it has been known to cause a severe ptomaine poisoning. It is of no value in ice cream making, and should not advise its being made.

SCHOOL CLOSURE.

The following Schools were closed during the year :—Name of School.—Roman Catholic (Infants), from March 12th to April 19th. Cause, Measles. Abbey Green (Infants), from May 4th to June 7th, Measles. Queen's Road (Infants), from May 26th to June 21st, Measles. Galley Common. Whole School. Dec. 9th, 1909, to Jan. 10th, 1910, Whooping Cough.

BACTERIOLOGICAL EXAMINATIONS.

The Council provide free of cost to Medical Practitioners in the Borough, outfits for Bacteriological Examinations in suspected cases of Diphtheria and Enteric Fever. I regret to say little use has been made of them, letters have again been sent to each Medical man informing them that outfits could be obtained at the Council Offices.

ANTI-DIPHTHERITIC SERUM.

Anti-Diphtheritic Serum is now supplied to Medical men free of cost on application.

ABATTOIR.

The Abattoir has now been completed, and is now ready for occupation.

FACTORIES AND WORKSHOPS.

During the year I have visited, in company with the Sanitary Inspector, the Workshops, Factories, and Outworkers' Homes in the Borough, with a view to their Sanitary Condition. I am pleased to be able to report that inspection shows them to be kept in a satisfactory condition.

LODGING HOUSE.

The Old Factory, Abbey Green, has been converted into an excellent Common Lodging House, with accommodation for 101 male lodgers. The Owner carried out all the requirements of the Council, and the premises were placed upon the Register 25th August, 1909. It has been admirably conducted since the opening, and it has supplied a long-felt want.

I remain, Gentlemen,
Your obedient Servant,

E. PEACOCK, M.R.C.S., L.S.A., Lond.
Medical Officer of Health.

TABLE I.

ESTIMATED POPULATION AND BIRTH AND DEATH RATES FOR WHOLE DISTRICT.

DISTRICTS AMALGAMATED IN 1893.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		DEATHS UNDER ONE YEAR OF AGE.		DEATHS AT ALL AGES — TOTAL.		Deaths in Public Institutions.	Deaths of Non-Residents registered in District.	Deaths of Residents registered beyond District.	DEATHS AT ALL AGES — NETT.	
		Number.	Rate.*	Number.	Rate per 1,000 Births reg'st'r'd	Number.	Rate *				Number.	Rate.*
I	2	3	4	5	6	7	8	9	10	11	12	13
1899	22,856	864	36.5	143	165	366	16.2	32			366	16.2
1900	23,086	857	35.8	151	171	429	18.5	23			429	18.5
1901	25,239	943	37.3	136	144	362	14.3	26			362	14.3
1902	26,084	903	34.6	117	131	364	13.9	29			364	13.9
1903	27,182	935	34.8	142	151	386	14.2	41			386	14.2
1904	28,159	1024	36.3	149	144	423	15.0	42			423	15.0
1905	29,709	977	32.8	113	115	384	12.7	40			384	12.7
1906	32,255	1043	32.3	167	160	420	13.0	37	7	2	420	13.0
1907	32,580	1026	30.1	138	134	377	11.5	25	6		377	11.5
1908	33,706	1163	34.5	110	94	355	10.5	33			355	10.5
Averages for years 1899-1908.	28,085	971	34.5	136	140	386	13.9	32	13	2	386	13.9
1909	36,041	1135	31.2	104	91	378	10.4	39	9	3	378	10.4

*Rates calculated per 1,000 of estimated population.

TABLE II.

ESTIMATED POPULATION AND BIRTH AND DEATH RATES CLASSIFIED UNDER LOCALITIES.

DISTRICTS AMALGAMATED IN 1893.

NAMES OF LOCALITIES.	1.—ST. NICHOLAS.				2.—ST. MARY'S.				3.—STOCKINGFORD.				4.—CHILVERS COTON.			
	Population esti- mated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
YEAR	a.	b	c.	d.	a.	b.	c.	d.	a.*	b.	c.	d.	a	b	c	d.
1899									4,633		61	29	5,284	181	80	23
1900									4,647		90	38	5,354	180	101	21
1901									5,109	207	75	39	5,826	192	70	15
1902									5,346	212	73	38	6,031	183	72	19
1903									5,583	219	76	30	6,237	199	84	26
1904									5,826	238	78	26	6,443	259	99	41
1905									6,036	251	82	31	7,183	236	84	18
1906									6,939	267	91	39	8,510	255	119	51
1907	9,354		101	32	7,407		78	25	7,041	270	96	43	8,784	249	102	38
1908	9,486	270	103	28	7,437	207	93	29	7,414	319	74	28	9,369	307	81	25
Averages of Years 1899 to 1908									5,857		79	34	6,902	224	89	27
1909	9,559	267	115	27	7,607	272	80	24	8,486	290	89	32	10,389	306	94	21

TABLE II.—(Continued).

NAME OF LOCALITIES.	5.—WORKHOUSE.					6.—GENERAL HOSPITAL.				7.—ISOLATION HOSPITAL.			
	Population esti- mated to middle of each year.	Births Registered	Deaths at all Ages.	Deaths under 1 year.		Population esti- mated to middle of each year.	Births registered.	Deaths at all ages	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages	Deaths under 1 year.
YEAR.	a.	b.	c.	d.						a.	b.	c.	d.
1899			16					14				2	
1900			10					13					
1901			12					10				1	
1902			13	1				15				1	
1903			23					17				3	
1904			19					20				3	
1905			14					23				2	
1906			23					12					
1907			13					12					
1908			21					12					
Averages of Years 1899 to 1908.			16					14					
1909. ...			23					16					

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1909.

NOTIFIABLE DISEASES.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.						NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.						Total cases re-moved to Hosp'l					
	At Ages.—Years.						St. Nicholas.	St. Mary's.	Stocking-ford.	Chilvers.	Cotton.	Work-house.	General Hospital.	Isolation Hospital.	St. Nicholas.	St. Mary's.	Stocking-ford.	Chilvers.		Cotton.	Work-house.	General Hospital.	Isolation Hospital.	
	Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards																		
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	16	4	9	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	37	11	25	1	8	...	4	1	1	5	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	6	1	3	...	2	...	2	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	3	...	...	1	2	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	...	16	37	5	15	1	21	22	8	23	...	...	...	...	6	8	...	6	...	...	...	...	...	...

TABLE IV.—Continued.

CAUSES OF, AND AGES AT DEATH DURING YEAR 1909.

CAUSES OF DEATH.	DEATHS IN OR BELONGING TO WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN OR BELONGING TO LOCALITIES (AT ALL AGES).							DEATHS IN PUBLIC INSTITUTIONS.
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	St Nicholas	St Mary	Stockingford.	Chilvers (oton.	General Hospital.	Work-house	Isolation Hospital	
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Cancer, malignant disease	24					17	7	8	1	2	7	1	5		6
Bronchitis ...	20	8	2			3	7	7	3	6	3		1		1
Pneumonia ...	10	2			1	5	2	3	3		2	1	1		1
Pleurisy ...	1			1						1					
Other diseases of Respiratory organs	12		7	2	1	2		4	2	1	5				
Alcoholism ...	7					7		1		4	2				
Cirrhosis of liver ...	1	1									1				
Venereal diseases...	18	18						3	6	4	5				2
Premature birth ...															
Diseases and accidents of parturition ...	3					3		1	2						
Heart diseases ...	41		1	3	2	17	18	15	6	10	8		2		2
Accidents ...	7			2	2	3		3	1		1	2			2
Suicides ...						1									
All other causes ...	122	36	4	7	6	17	52	21	23	32	24	9	13		22
All causes...	378	104	43	19	25	100	87	98	73	81	87	16	23		39

TABLE V.

INFANTILE MORTALITY DURING THE YEAR 1909.

Deaths from stated Causes in Weeks and Months under
One Year of Age.

CAUSE OF DEATH.					Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths Under One Year
All Causes { Certified Uncertified					22	8	3	5	38	17	9	4	6	8	5	3	1	4	4	5	104
COMMON INFECTIOUS DISEASES.																					
Small-Pox																					
Chicken-Pox																					
Measles								1	1									1		1	3
Scarlet Fever																					
Diphtheria, (including Mem- braneous Croup																					
Whooping Cough																			2	1	3
DIARRHOEAL DISEASES.																					
Diarrhoea, all forms																					
Enteritis—Muco and Gastro									4		1	1	1	4						1	6
Gastritis, Gastro intestinal Catarrh }											1	1		1				1		8	
WASTING DISEASES.																					
Premature Birth					12	3	1	1	17	1											18
Congenital Defects					1	2	1		4	2											6
Injury at Birth																					
Want of Breast-milk																					
Atrophy, Debility, Marasmus...					4	2	1		7	2	2			1							12
TUBERCULOUS DISEASES.																					
Tuberculous Meningitis											1										1
Tuberculous Peritonitis: Tabes Mesenterica }									4								1				7
Other Tuberculous Diseases												2	1	1							4
Erysipelas																					
Syphilis										1											1
Rickets																					
Meningitis (not Tuberculous)														1							1
Convulsions					1				1	1	2										5
Bronchitis										1						1					8
Laryngitis												2		3							1
Pneumonia											1										2
Suffocation, overlaying					1				1										1		1
Other Causes					3	1		3	7	1							1	1	1		4
					22	8	3	5	38	17	9	4	6	8	5	3	1	4	4	5	104

TABLE VI.

Showing year by year for the period 1891-1909 the number of notifications of Enteric Fever, and the Enteric Fever attack rate per 1,000 persons living in the Urban District of Nuneaton and Chilvers Coton, with the number of deaths and the death rate yearly from the same cause.

Year.	Estimated Population.	Enteric Fever.			
		Notification.	Attack rate per 1000.	Number of Deaths.	Death rate per 1000.
1891 - - -	15,297	82	5.4	9	.588
1892 - - -	16,084	31	1.9	5	.310
1893 - - -	16,912	19	1.1	2	.115
1894 - - -	17,783	9	0.5	3	.168
1895 - - -	18,698	14	0.7	8	.428
1896 - - -	19,661	10	0.5	4	.208
1897 - - -	20,673	21	1.0	3	.143
1898 - - -	21,737	28	1.3	8	.368
1899 - - -	22,856	114	5.0	16	.700
1900 - - -	23,186	20	0.8	2	.086
1901 - - -	25,239	76	3.8	12	.475
1902 - - -	26,084	11	0.42	4	.015
1903 - - -	27,182	8	0.29	2	.007
1904 - - -	28,159	6	0.21	3	.010
1905 - - -	29,709	3	0.1	0	.0
1906 - - -	32,255	10	0.3	2	.006
1907 - - -	32,583	6	0.1	0	—
1908 - - -	33,706	11	0.3	5	.010
1909 - - -	36,041	6	0.1	2	.005

TABLE VII.

BIRTHS, DEATHS, DEATH, BIRTH, AND ZYMOTIC RATES
FROM JANUARY 1st TO DECEMBER 31st, 1909.

Locality.	St. Nicholas Ward.	St. Mary's Ward.	Stock- ingford Ward.	Chilvers Coton Ward.	Borough.
Area in Acres ...	3,407	929	2,113	4,056	10,596
Census Population in 1901 ...	10,553	5,049	3,618	5,774	24,996
Pop. middle of 1909	9,559	7,607	8,486	10,389	36,041
Persons to an Acre,	2.5	8.1	4.0	2.3	4.2
Total Deaths for year	115	80	89	94	378
Deaths from Zy- motic Diseases	10	13	13	9	45
Death rate per 1000 from Zymotic Diseases ...	1.0	1.7	1.0	0.8	1.1
Births for the year	267	272	290	306	11.35
Total Death Rate	11.9	10.5	10.0	8.7	10.2
Birth Rate ...	27.9	25.7	34.1	29.4	31.2

TABLE VIII.
DEATHS AT THE GENERAL HOSPITAL.

1909.	SEX.	AGE.	CAUSE OF DEATH.	PREVIOUS RESIDENCE.
9th January	f	76	Intestinal Obstruction	King Edward Road ;
15th February	m	37	Influenza	Stockingford
5th " March	f	24	Enteric Fever	Attleborough Road
6th March	m	81	Senile Decay	Queen's Rd., St. Nicholas
4th April	m	11	Abdominal Adhesions	Atherstone
21st "	m	50	Abscess of the Arm	College Street
29th "	f	40	Ovarian Carcinoma	Arley
25th May	f	50	Bright's Disease	Burton Hastings
31st "	m	55	Pneumonia	Abbey St., St. Nicholas
10th June	m	7	Otitis Media	Atherstone
20th "	m	12	Acute Periostitis	Silverdale, Staffordshire
24th July	m	18	General Peritonitis	Westbury Road
28th "	m	24	Caries of Temporal Bone	Toler Road
3rd August	m	19	Appendicitis	Heath End Road
15th "	f	4	Enteric Fever	Chapel Square, Back St.
4th September	m	57	Shock, injuries, fall from ladder	Newdegate Street
23rd October	m	34	Shock, injuries, fall from brake	Eadie Street
1st "	f	26	Pernicious Anemia	Dugdale Street
30th September	m	53	Septic Blood Poisoning	Queen's Road, St. Mary's
21st November	m	44	Sarcoma of Kidney	Camp Hill
13th "	m	26	Pyæmia, Appendicitis	Bedworth
14th December	m	11	Appendicitis	Stratford Street

TABLE IX.
DEATHS AT THE WORKHOUSE.

1909.	SEX.	AGE.	CAUSE OF DEATH.	PREVIOUS RESIDENCE.
17th January	m	63	Sarcoma of Tonsils	Stockingford
18th February	m	88	Senile Decay	Wolvey
21st "	f	58	Chronic Nephritis	Wheat Street
23rd "	m	59	Chronic Nephritis	Jodrell Street
30th January	f	67	General Paralysis	Attleborough
10th March	f	76	Senile Decay	Bulkington
22nd "	m	28	Pneumonia	Bridge Street C. C.
2nd April	m	63	Cancer of Bowel	Chilvers Coton
11th "	m	38	Cirrhosis of Liver	Chilvers Coton
12th "	m	89	Senile Decay	Stockingford
19th May	f	71	Senile Decay	Arley
21st "	m	37	Pneumonia	Victoria Street
39th "	f	76	Cardiac Disease	Attleborough
16th June	m	61	Cancer of Rectum	Regent Street
13th July	f	70	Senile Decay	Stockingford
30th August	m	82	Carcinoma of Stomach	Attleborough
10th September	m	74	Cerebral Hæmorrhage	Tuttle Hill
28th "	m	83	Cardiac Failure	Attleborough
20th November	f	90	Senile Decay	James Street
22nd "	m	55	Cerebral Hæmorrhage	Clarence Street
4th November	m	46	Cirrhosis of Liver	Galley Common
5th "	m	65	Cancer of Throat	Galley Common
9th December	f	85	Senile Decay	Attleborough
14th "	m	43	General Tuberculosis	Anker Street
24th "	m	82	Senile Decay	Queen's Road
25th "	m	73	Senile Decay	Bond Street

TABLE X.

***Articles Disinfected during the
Year 1909.***

At the Company's Steam Disinfector, Sewage
Pumping Station.

FROM				
Isolation Hospital	...	...	...	384
Different Houses in Borough	...	...	...	398
General Hospital	...	...	..	109
Atherstone R.D.C.	...	...	...	100
Bulkington U.D.C.	...	...	...	14
Total				1005

TABLE XI.

RECORD OF RAINFALL REGISTERED AT THE
SEWAGE PUMPING STATION, 1909.

For the month of					1908 Inches.	1909 [*] Inches.
January	...	...	...	...	0.58	0.89
February	...	..	...	...	0.69	0.73
March	...	...	...	...	2.10	2.67
April ...	...	...	...	...	2.81	1.16
May ...	...	...	...	...	1.84	1.32
June ...	...	...	...	...	1.65	3.04
July ...	...	...	...	...	2.68	3.18
August	...	...	...	...	2.49	2.25
September	...	...	...	...	1.55	1.81
October	...	...	...	...	1.51	2.99
November	...	...	...	...	0.96	0.39
December	...	...	...	...	1.32	3.29
Total Inches—					19.64	23.72

SUMMARY OF SANITARY WORK DONE IN THE INSPECTOR
OF NUISANCES DEPARTMENT DURING 1909.

				Inspections and Observations made.	Formal Notices by Authority.	Nuisances abated after Notice.
Dwelling Houses and Schools.	{	Foul Conditions	802	47	32
		Structural Defects	... ..		
		Overcrowding	... ..		
		Unfit for Habitation...	... ..		
		Lodging Houses	... ..		
	Dairies and Milkshops	... ..	84	3	3
	Cowsheds ..	... ..	322	14	14
	Bakehouses	... ..	194	9	9
	Slaughter Houses	... ..	235	17	16
	Canal Boats	... ..	115	5	5
	Ashpits and Privies	... ..	1316	84	63
	Deposits of Refuse and Manure	... ..	219	40	40
Defective Water Closets	.. ..	1108	107	106	
House Drainage.	{	Defective Trap	125	33	29
		No Disconnection	... ..		
		Other Faults	... ..		
		Water Supply	... ..		
		Pigsties	... ..		
	Animals Improperly Kept	... ..	80	19	18
	Offensive Trades	... ..	14	0	0
	Smoke Nuisances	... ..	0	0	0
	Other Nuisances	... ..	198	16	16
TOTAL ..				5797	495	435

Seizure of Unwholesome Food	...
119lbs. of Frozen Mutton, voluntarily surrendered	...
Samples of Food taken for Analysis	...
„ „ found Adulterated	...
„ of Water taken for Analysis..	...
„ of Water condemned as unfit	...
for use	...

PRECAUTIONS AGAINST INFECTIOUS DISEASE.

Lots of Infected Bedding Stoved	...	...	...
Houses Disinfected after Infectious Disease	...	...	...
Schools	"	"	...
Prosecutions for not Notifying	"	"	...
Existence of Infectious Disease	..	...	..
Convictions	"	"	"
Prosecutions for Exposure of Infected Persons or Things...	"	"	"
Convictions	"	"	"

GEORGE W. ANDREW, Inspector of Nuisances

LIST OF MEMBERS
OF THE
BOROUGH OF NUNEATON
EDUCATION COMMITTEE.

HIS WORSHIP THE MAYOR, COUNCILLOR E. F. MELLY, J.P., C.C.

R. W. SWINNERTON, Esq., J.P., CHAIRMAN.

ALDERMAN W. T. BATES, J.P.

„ J. F. JOHNSON, J.P., C.A.

„ G. ORTON, J.P.

„ T. W. SANDS.

COUNCILLOR W. BUCKLER.

„ J. A. CARTWRIGHT.

„ J. CLAMP.

„ T. HORTON, J.P.

„ H. LESTER.

„ J. WHEWAY.

„ J. RANDLE.

„ A. RAYNER.

„ C. READER.

„ J. SIMPSON.

„ H. SLINGSBY.

MR. G. R. BIGGS.

„ L. COLEMAN, J.P., VICE-CHAIRMAN.

„ J. SIDWELL, C.C.

MISS SWINNERTON.

MRS. WILLIAMS,

LIST OF HEAD TEACHERS.

School.	Boys.	Girls.	Mixed.	Infants.	School with Infant Division.
Attleborough Council	...		Mr. H. C. Betts	Miss F. M. Stevenson	
Filton Street	...		Mr. Ludlow	Miss S. Wileman	
Queen's Road	...		{ Mr. C. G. Morgan, Sen. M. Miss E. A. Morgan, Jun. M. Mr. J. Axson	Miss C. S. Morgan	
Stockingford	...		Mr. T. Daffern	Miss E. Hutley	
Abbey Street Church of Eng.			Mr. F. E. Wilkins	Mrs. S. S. Betts	
Attleborough	"			Mrs. A. M. Amos	
Chilvers Coton	"			Miss M. B. Mills	
"	"	Miss K. Wilson			Miss H. Wardle
Galley Common	"				
Heath End	"		Miss H. Clifton	Miss S. Hardy	
St. Josephs, Roman Catholic					
Stockingford—Church of Eng.					Miss A. Dilger
Vicarage Street	"	Mr. Raison, B.A. Miss A. A. Haines	Mr. C. Reed	Miss Z. Wootton	

NUNEATON,

FEB., 1910.

To the Chairman and Members of the Education Committee.

LADIES AND GENTLEMEN,

I have the honor to submit my Annual Report for the year ending December 31st, 1909, on the Medical Inspection of School Children. I am indebted to the Managers, the Chairman of the Education Committee, and the Head Teachers of the Elementary Schools for their hearty co-operation and assistance. Great praise is due to the parents of the children for the interest they have displayed in the work, and also to the admirable way they attended the Examinations, no less than 63 per cent. being present. A large number of defects have been brought to light, the majority of which were in a curable stage, but a considerable number, owing to the lack of assistance, have not been followed up, and are unaccounted for

2,039 children, in both the Provided and Non-provided Schools, have been examined, viz.: 1,014 males and 1,025 females

Years of Age.	Males.	Females.	Total.
4	175	192	367
5	220	231	451
6	51	59	110
7	277	266	543
8	32	25	57
9	29	26	55
10	14	12	26
11	15	18	33
12	119	124	243
13	80	67	147
14	2	5	7
	<hr/>	<hr/>	<hr/>
Total	1014	1025	2039

VERMINOUS HEADS.

In both the Provided and Non-provided Schools 202 children, nearly all girls, had this condition. This empathizes the fact I mentioned last year, viz.: if girl's hair was kept short very few such cases would be found.

RINGWORM.

Six cases were discovered in all the Schools. I wrote a letter to the Hospital Committee, as they possess an X-Ray Apparatus, strongly, in the best interests of the children, recommending them to fit the necessary apparatus to it. This matter will, I believe, be considered at their next meeting. Under the old orthodox treatment children suffering from this disease are kept away from school for weeks and sometimes for months. This is a great loss to the children in an educational point of view. With the X-Ray treatment a few applications will effect a speedy and permanent cure.

FAMILY HISTORY.

Out of the children examined, 150 known deaths of near relatives from Consumption were recorded, also 62 known deaths from Cancer. These statistics are reliable as far as they go, but owing to the absence of some of the parents are necessarily incomplete.

EXAMINATION OF CHILDREN AT OFFICE.

During the year I have examined a large number of children, as per list below :—

14 Ringworm	2 Chicken Pox.
9 Eczema	1 Verminous Head
2 Itch	1 Psoriasis
1 Mumps.	

As the result of my examination a duplicate of my Certificate is sent to the head teacher of the school the affected children are attending, also a second Certificate authorising their re-admission to School. This has entailed a considerable amount of work and regular daily attendance at the office. However, such examinations are of vital importance in preventing the spread of infectious diseases in the various schools.

I have also visited, by request, six children at their homes in Chilvers Coton, suffering from Itch, and instructions given as to their exclusion from school.

LEAVING SCHOOL.

348 children left school during the year, viz.: 181 males and 167 females.

CLASS OF CHILDREN EXAMINED.

All those newly admitted. All those leaving. All those between 7 and 8 years. The Board of Education only require the examination of children admitted and leaving, but I have also reported upon those between 7 and 8 years, this being really their second examination.

STRIPPING IN TAKING CHEST MEASUREMENTS.

With boys I invariably have them stripped, with girls I do not consider it absolutely necessary, as by passing the tape over the inner garment reliable data can be obtained, and moreover, this commends itself to the susceptibility of both parents and child. With the parent (preferably) or the Head Teacher present, I have never met with any trouble or heard any complaint.

During the year I have closed the following Schools:—
St. Josph's Roman Catholic, Infants, from March 12th to April 19th, for Measles. Abbey Street, Infants, from May 4th to June 7th, for Measles. Queen's Road, Infants, from May 22nd to June 21st, for Measles. Galley Common, (Whole School) from December 9th, 1909, to January 10th, 1910, for Whooping Cough.

I have received a Memorandum on Closure of and Exclusion from School.

Part I.—Instead of the Sanitary Authority or two members thereof, acting upon the advice of the Medical Officer of Health, having the power to close any School, that power is now delegated to the Medical Officer of Health with the approval of the Medical Inspector of Schools.

Part II. deals with the principles of action and information as to notifiable diseases.

Part III. deals with action in respect of particular diseases and rules of official procedure.

I have thought it advisable to keep the statistics of the Provided and Non-Provided Schools separate, as a means of comparison.

PROVIDED SCHOOLS.

1037 children were examined, viz.: 531 males, 506 females.

Nutrition	...	Good	1027	Impaired	10	per cent.	0.09
Cleanliness of Body	Clean	1029	Dirty	8	„	0.07	
Clean Heads	...	„	935	Verminous	102	„	9.8
Sufficient Clothing	„	1013	Insufficient	24	„	2.3	
Clean Clothing	„	1026	Dirty	11	„	1.0	
Boots	...	Good	1008	Bad	29	„	2.7

217 children had all sound teeth.

820 children had bad teeth, varying from 1 to 13.

Affected Children.		Per centage.
Tonsils and Glands	78	7.5
Snoring	2	
Defective Hearing	9	0.8
Discharges from Ear	4	
Eyes, Squint	7	
„ Ulcer of Cornea	1	
Vision, Moderately defective	18	1.7
„ more serious defects	5	0.4
Mental Capacity. 1011 normal, 26 backward, per cent. 2.5.		

Notices for the following defects : —

Glasses	...	...	...	7	Curvature of Spine	...	2
Squint	...	...	...	3	Rupture	...	2
Club Foot	...	...	...	3	Goitre	...	2
Defective Articulation			...	3	Cystic Tumour	...	1	
Defective Hearing...			...	3	Asthma	...	1	
D'scharge from Ear			...	2	Knock Knee	...	1	
Eczema	...	...	...	2	Flat Foot	...	1
Ringworm	...	...	...	2	Adenoids	...	1
Chorea	...	...	...	2	Glands	...	1
Tonsils	...	...	...	2	Defect in Nose	...	1
Paralysis	...	...	...	2			—
							Total	42

FAMILY HISTORY.

Consumption, 94 ; Cancer, 36 ; Hutchinsonian Teeth, 2.

VACCINATIONS. PARENTS OR GUARDIANS.

Vaccinated 599, unvaccinated 438, Present 675, Absent 362.
Per cent. 57.7 „ 42.3 Per cent. 65.1 „ 34.9.

No. of Children.	Average Age.	Average Height.	Average Weight.
156	4.4	3.2 $\frac{1}{4}$	35 $\frac{1}{2}$
275	5.2 $\frac{1}{2}$	3.4 $\frac{1}{4}$	37 $\frac{1}{2}$
76	6.2 $\frac{1}{2}$	3.6	41
260	7.5 $\frac{1}{2}$	3.9	45 $\frac{1}{2}$
38	8.6	3.10	48
32	9.5 $\frac{1}{2}$	4.0	50 $\frac{1}{2}$
21	10.5	4.1 $\frac{1}{2}$	57
28	11.5	4.2 $\frac{3}{4}$	59
93	12.8	4.6	61
54	13.2	4.9	69
4	14.0	4.9	71

NON-PROVIDED SCHOOLS.

1002 children were examined, viz. : 485 males, and 517 females.

Number of children affected :

Nutrition	...	Good	988	Impaired	...	...	14
Cleanliness of Body		„	955	Dirty	...	...	7
„ Head		Clean	902	Vermineous	...	...	100
Sufficient Clothing			997	Insufficient	...	...	5
Clean	„		993	Dirty	...	...	9
Boots	...	Good	988	Bad	...	...	14

187 children had all sound teeth.

815 children had bad teeth, varying from 1 to 11.

Children affected.			Per centage.
Tonsils and Glands	...	57	5.6
Deficient Hearing	...	5	0.04
Discharge from Ear	...	4	
Eyes, Squint	...	6	
Vision, moderately deficient		14	1.4
„ more serious defect		2	0.01
Mental capacity, 992 normal, 10 backward.			0.9

Notices issued for the following defects :—

Glasses	...	...	...	8	Rupture	...	...	...	2
Tonsils	...	...	...	7	Mothers' Mark	...	...	...	1
Heart Disease	...	...	...	6	Chorea	...	...	...	1
Squint	...	...	...	5	Glands	...	...	...	1
Ringworm	...	...	...	4	Rhinitis	...	...	...	1
Discharge from Ear	...	...	...	3	Flat Foot	...	...	...	1
Eczema	...	...	...	3	Defective Hearing	...	...	...	1
Adenoids	...	...	...	3	Defective Articulation	...	...	...	1
Incontinence of Urine	...	...	...	2	Hard Lip and Cleft Palate	...	...	...	1
Total									51

FAMILY HISTORY.

Consumption 56, Cancer 26.

VACCINATIONS.

Vaccinated	546.	Unvaccinated	456.
Per cent.	54.4.	„	45.6.

PARENTS PRESENT.

Present	611.	Absent	391.
Per cent.	69.7.	Per cent.	30.3.

No. of Children.	Average Age.	Average Height.	Average Weight.
211	4.4 $\frac{1}{2}$	3.2 $\frac{1}{2}$	36
176	5.4	3.5	39
34	6.3 $\frac{1}{2}$	3.6	40 $\frac{1}{2}$
283	7.6	3.9	46 $\frac{1}{2}$
19	8.3 $\frac{1}{2}$	4.0	53
23	9.5	4.1	55 $\frac{1}{2}$
5	10.5 $\frac{1}{2}$	4.2	55
5	11.3	4.7	75
150	12.9	4.7 $\frac{1}{2}$	74
93	13.4	4.7 $\frac{1}{2}$	76 $\frac{1}{2}$
3	14.4	4.11 $\frac{1}{2}$	97

No children under 6 years of age were examined for inspiration, expiration, vision or mental capacity.

Respecting family history too much reliance cannot be placed on figures, owing to the absence of so many parents, so that they are merely approximate.

As regards Measles and other infectious diseases, the same remarks apply.

Objections to Medical Inspection were raised in three instances only.

Parents, generally, manifested the greatest interest in the examination of their children, and have often expressed their gratitude for the verbal advice given.

The large majority of the parents are miners, railway men, quarrymen, artisans and labourers, &c. Certain of the industries are carried on by female labour.

DEFECTIVE CHILDREN.

The care, supervision, and treatment of Deaf, Dumb, and Epileptic and Defective Children is one which naturally appeals to any authority in the strongest degree, but which, on the other hand, cannot but entail an immense amount of trouble, anxiety and expense, and therefore is a subject which demands careful analysis, a thorough sifting of all the evidence obtainable in the laudable endeavour to help and succour these unfortunates. We have no special school for the reception and treatment of this class of children. One is bound to admit the cost and upkeep, as it, necessarily, must be somewhat heavy. Special supervision and arrangements would be required, and it is a serious problem how

many of these children should be treated, as they are undoubtedly unsuited for daily contact with normal children. Many are not sent to school at all, and others who do attend are difficult to deal with in the ordinary class of an elementary school.

I would specially speak of three classes.

1.—Mentally defective children living in bad surroundings. These are particularly susceptible to bad influence, and only by early removal from their homes can be prevented from acquiring vicious habits.

2.—Mentally defective children, whose regular attendance it is not possible to secure at a day school. These are children with wandering propensities, and also children of parents who are continually removing from house to house, and who take no trouble to enforce their children's attendance at school.

3.—Defective children, known as moral defectives. These should early be placed under suitable control. When placed in an institution, and removed from all opportunity of vice, those children improve greatly and make excellent manual scholars.

ANALYSIS OF 36 CASES. †

25 feeble minded. 13 males (8-17 years) and 12 females (7-13 years). One can be ignored as he is over age. Out of these, 5 have never been to school, and I consider only one out of this list who would materially benefit by treatment in a home or some other institution. Three Deaf and Dumb, 2 males (5-13 years) and 1 female (9 years). These cases could be treated in special institutions. Eight epileptics. All these children have been or are suffering from epileptiform convulsions.

TREATMENT.

I can only suggest that some of these be treated at special homes and institutions your Clerk has a list of, or the establishment of Special Day Classes.

The work carried on by Education Authorities in these special classes has revealed the fact that certain mentally defective children are unable to benefit by Day School Education and require custodial care, in other words, a special class room with a special teacher.

TEETH.

Teeth, which is not only one of the most important but unsettled problems of the day, and has a direct bearing upon the

future welfare of the children themselves, and it becomes a question of great national importance.

The national physique is affected by bad teeth, and, perhaps, there is the least attention paid to this subject, and I consider a broader view ought to be taken, which I trust will lead to a closer examination and remedial means adopted by your Committee.

The Members of the Dental profession have been and are still arousing a sense of the importance of oral cleanliness and the possibilities of dental treatment in the minds of the general public. The building up of a system of treatment of disease of the teeth amongst the elementary school children, probably on the lines laid down in the memorandum of the Board of Education, is slowly but surely advancing, and it is merely a matter of time when the work of the dentist is bound to take a foremost place.

STATISTICS.

More than 85 per cent. of the teeth reported by the Committee of the British Dental Association shows unmistakable signs of decay. Only 1508 sets of teeth or 14 per cent. were free from decay.

In 600 children examined by Dr. Mackenzie more than one fourth had bad teeth.

In 571 cases out of 590 examined there were found some decayed condition. A considerable number showed defective condition of both sets.

Professor Hay, Aberdeen, says that decay of the permanent teeth were present in one third of the children of the lowest age groups (6 to 9 years). The last year (8 to 9) of this group showed a larger addition to the children with decayed teeth to any subsequent age.

The reports from the British Dental Association, the Inter-Departmental conference of the Admiralty and the War Office, the Sub-Committee of the London County Council bears out the universal testimony as to the serious condition of the teeth of the bulk of the population.

The good results which follow the inspection and care of children's teeth is shown by the high percentage of children from the Lambeth Parish Schools, who apparently possess perfect teeth. Most were admitted between 7 and 9 years. In admission they undergo a dental inspection and have any treatment required, and are frequently inspected by a nurse and twice a year by a dentist. Each child cleans his teeth night and morning, and the result is that 76 per cent. of these workhouse children are free from obvious disease, whereas only 30 per cent. of the other children of the school are without noticable caries.

CAUSES.

1.—Predisposing. Heredity, mal-nutrition from improper treatment and acute disease.

2.—Determining. The presence of bacteria and the formation of an acid medium.

There are three classes of bacteria.

- 1.—Those which attack and destroy the teeth.
- 2.—Those which produce disease.
- 3.—Those which produce fermentation.

DISEASES CAUSED.

- 1.—Oral sepsis.
- 2.—Anæmia.
- 3.—Alveolar abscess.
- 4.—Glandular Tonsillitic conditions.
- 5.—Indigestion.
- 6.—Tubercular affections.
- 7.—Ulcer of Stomach.
- 8.—Periferal Irritation, producing epileptic condition.
- 9.—Foul condition of mouth, throat and gums.
- 10.—Increased tendency to diphtheria, pneumonia, and rheumatic fever.
- 11.—The swallowing of infective and purulent matter.
- 12.—The long and agonizing pain.
- 13.—Stunted growth.
- 14.—The pollution of the air by those suffering and affecting others,

PREVENTION.

1.—The regular and thorough brushing of the teeth, the tooth brush to be used at night at home, so as to prevent the formation of bacteria.

2.—The provision of tooth brushes and the establishment of a drill in school; an excellent preventative which would turn out a good investment.

3.—Practical instruction by the teachers and regular examination by the teachers in every standard.

4.—The subsidising of Hospitals. I do not consider this would be a success, owing to its impracticability in working.

5.—Treatment by private Medical men. This would entail a considerable expense and somewhat unwieldy to operate.

6.—School Dental Clinics, which have proved successful in Brussels, Darmstadt, Wiesbaden, Strasburg, and at Cambridge in

England, in which latter town it was accomplished by voluntary means.

In conclusion, I must quote Dr. Norman G. Bennett, "If prevention is better than cure it may further be shown that the spending of comparatively small sums in teaching dental hygiene and enforcing the daily cleansing of the teeth would be the highest form of economy. This is endorsed by the Admiralty and War Office and other authorities and it is quite certain that if these were carried out the sum total of dental disease would be vastly reduced and bring the problem of treatment within more manageable limits.

ADMISSION OF CHILDREN UNDER 5 YEARS.

From an educational point of view I believe it a waste of time, both to myself and the teachers, to examine children under 5 years of age, as they are difficult to manage and the results are unsatisfactory. The Education Code states "Children under 5 years of age are not required by the law to attend school, and there is reason for believing that the attendance of such children is often accompanied by danger to health. There is, also a mass of evidence pointing to the conclusion that a child who does not attend school before 6 years of age or more will, in general, compare favourably at a later age with a child whose attendance began at an earlier age."

Dr. Newsholme, Chief Medical Officer of the London School Board, says, "So far as their life during the day is concerned, the vast majority of children attending Elementary Schools are under more favourable conditions at home than at school."

From an hygienic point of view, respecting the spread of infectious disease in children under 5 years, in Elementary Schools, the exclusion of the same from attending school is a most important one. The relegation of the infecting diseases of school children to a position of minor importance amongst the items claiming the attention of the School Medical Officer, can scarcely be realized that during the past twenty years there have been nearly half-a-million deaths from measles and whooping cough alone. Add to these deaths from complications such as bronchitis and pneumonia, one must admit that there is nothing in the whole range of school hygiene of such vital importance as their control. Between twenty and thirty thousand deaths occur each year from measles and whooping cough—over 90 per cent. being under 5 years—and the enquiry into the actual means of spread, shows it is chiefly by means of the public elementary schools that this occurs. I consider the minimum age of admission should be six years, which would mean a greater reduction in mortality from

these diseases. As a child gets older it acquires a resistance to infection, which, after 7 or 8 years amounts practically to immunity.

I contend that the minimum age of permissive school admission should be raised to the legal limit (5 years) and one in more accordance with what has been found expedient in other countries.

THE NECESSITY OF A SCHOOL NURSE.

I would, respectfully, call your attention to the absolute necessity of appointing a School Nurse or Health Visitor, without which it is impossible to successfully carry out the provisions of the Education Act. Medical inspection without such assistance is a vast waste of time, money and energy. It is a case of working against poverty, and what is worse, against ignorance and apathy. The advantages of such an appointment are :—

1.—She could afford valuable assistance, clerical and otherwise, at the time of medical inspection.

2.—Living in the district, and quickly making the acquaintance of the parents and children, she could inform the Medical Inspector as to the social circumstances of the families and afford information of past illnesses.

3.—Visit the children at their own homes.

4.—Explain to the parents the necessity of acting upon advice given in the interests of the children's health and stimulate the careless parent.

5.—See that the medical advice recommended is obtained from the private medical attendant.

6.—Obtain recommendations for hospital treatment.

7.—Assist mothers in domestic attentions.

8.—Could, materially, help the head teachers and save much of their valuable time. I do not feel justified in asking them to do more than is absolutely necessary, viz.: To send out the cards to the parents, fill in the name, address, name of school and age.

9.—Re Verminous Heads. This is the most important item and one which demands prompt and vigorous treatment, and which under the present system is practically inoperative. This system consists in sending notices by the children to be delivered to their parents, which, in a number of cases are either lost or never reach those for whom they were intended, besides which the parents strongly object to teachers examining their children's heads, and in consequence, they are subjected to abuse,

PRESENT METHOD OF ARRANGEMENTS FOR EXAMINATION.

I sent a communication, on a reply Post Card, to the head teachers requesting them to inform me how many children, males and females, are for examination. On the receipt of a reply I write them saying it is my intention to visit and examine them on a certain day and hour, enclosing the number of cards required, male and female, with instructions to be sent to the parents. This is no part of my duty, as Medical Inspector, besides which it is an expensive, slow and cumbrous procedure.

I find it is impossible to devote more than two days per week to medical inspection, plus another half-day for copying the cards on a special Schedule, especially bearing in mind the constantly increasing work in matters sanitary, as Medical Officer of Health. The cost of stationary and postage runs into a considerable sum in a year, most of which could be saved by the employment of a School Nurse. The enormous increase of the population (2335 during the year 1909) means additional work and more Schools to visit, and as a sequence more assistance. The Fitton Street Schools will be opened in March, and the wants of Stockingford justify increased accommodation.

The following is a copy of a Memorandum issued by the Education Department.

“The directions given as to the degree of frequency of inspection refers only to the minimum, the efficiency of which will in the future be one of the elements to be considered in determining the efficiency of such School as a grant-aided School.

School hygiene cannot be divorced from home hygiene, and this in its turn is intimately bound up in the hygienic conditions of the community, home visiting by men and women inspectors, sanitary investigations, the provision of hospital accommodation, disinfecting and cleansing of verminous persons, the notification of the prevalence or otherwise of disease such as Phthisis, &c., all have a bearing upon the children's health. The Board of Education are convinced that the work of medical inspection cannot be properly accomplished by medical men without assistance.’

It has, in many places, been found that a high percentage of improvement has resulted when a School Nurse has been appointed, without such assistance, the results have been practically nil.

I remain, Ladies and Gentlemen,

Your obedient servant,

E. PEACOCK, M.R.C.S., L.S.A., Lond.

Medical Inspector of Schools,

BOROUGH OF NUNEATON.

TABLE I

NAME OF SCHOOL.	Department of School.	No. of Children Examined.	Age.	Sex.	Total Height. f. in.	Total Weight. lbs.	Inspira- tion.	Expira- tion.	Nutrition.			Cleanliness of Body.			Cleanliness of Head.			Condition of Clothing.				Boots.		TEETH			Nose.	Throat.	Hearing.	Vision.	Eyes.	Mental Capacity.	Attendance of Parents.		Vaccina- tion.		Notices Issued.	Family History.								
									G	M	B	C	M	D	C	D	V	Suff	Insuf	C	D	G	B	Average No.	Average No. Sound	Average No. Defective							N	D	N	D			N	D	N	D	Yes.	No	Yes.	No
Park Avenue	4 years	Infants	22	94.5	m	71.8	775		21	1		22			22			22			49	1	22		440		32		1		1	22			21	1	13	9			1 Consumption					
Queen's Road	"	"	50	220.5	m	160.9	1828		50			50			50			50					47	3	988		107					50			35	15	31	19			5 Consumption, 1 Cancer					
Stockingford	"	"	6	29.3	m	20.5	219		6			6			6			6					6		106		17			1		6			3	3	5	1			2 Consumption					
Average			78	4.4		3.2	36																	18½		2							59	19	49	29										
Centimeters Height Kilogram Weight						96.5	16.3																																							
Park Avenue	4 years	Infants	21	90.6	f	66.10	700		20	1		21			18			3	21			21		421		33				21			18	3	10	11					3 Consumption					
Queen's Road	"	"	52	225.7	f	167.2	1877		51	1		51		1	47			5	52			50	2	1032		118			2	52			37	15	28	24					5 Nits, 1 Discharge Ear					
Stockingford	"	"	5	24.6	f	16.4	181		5			5			5				5			5		100		9			1	5			5	0	3	2					7 Consumption, 2 Cancer					
Average			78	4.4		3.2½	35																	18½		2							60	18	41	37					2 Cancer					
Metric						97.8	15.9																																							
Park Avenue	5 years	Infants	4	20.9	m	13.7	138		4			4			4			4		3	77	1	76	2	77		12			4			3	1	2	2					1 Cancer					
Queen's Road	"	"	78	425.4	m	263.8	3037		78			78			75			1	54			53	1	1542		276			8	77	1			58	20	50	28					7 Consumption, 6 Cancer				
Stockingford	"	"	54	235.5	m	182.3	2043		53	1		53		1	54			53		1	54		53	1	1064		149			2	54			33	21	39	15					5 Consumption, 1 Cancer				
Average			136	5.1		3.4	38																		19½		3							94	42	91	45									
Metric						101.6	17.2																																							
Park Avenue	5 years	Infants	9	49.3	f	31.2	340		9			9			9			9					9	1	177		20			9			7	2	3	6					1 Squint					
Queen's Road	"	"	86	463.6	f	292.9	3389		84	2		85		1	65		21	85		1	86		85	1	1701		305			7	86	1 dis			59	27	52	31					1 Discharge Ear, 21 Nits, 1 Ringworm			
Stockingford	"	"	44	234.3	f	147.1	1623		43	1		44			38		6	44			44		43	1	874		86			4	43	1			28	16	34	10					6 Nits, 1 Asthma, 1 Knock Knee, 1 Club Foot			
Average			139	5.4		3.5	38																		19		2½							94	45	89	50					2 Consumption				
Metric						104.1	17.2																																							
Park Avenue	6 years	Infants	2	13.5	m	7.1	87	45	41	2		2			2			2					21	1	45					2			2	0	1	1					2 Nits, 1 Chorea					
Queen's Road	"	"	22	138.6	m	78.2	927	508	469	22		21		1	21			22			22		21	1	445				2	22			21	9	11	11					2 Cancer					
Stockingford	"	"	10	63	m	35.5	411	228	211	10		10			10			9		1	9		9	1	212					3	10			9	1		6	4	4	6						
Average			34	6.3		3.6	41	23	21																20½		3							21	13	16	18									
Metric						106.7	18.6																																							
Park Avenue	6 years	Infants	3	19.5	f	10.7	124	69	65	3		3			3			3					3		58		12						3	1	3	0					1 Glasses					
Queen's Road	"	Mixed	1	6.10	f	3.10	46	24	22	1		1			1			1					1		24		4			1	1			1	0	0	1					1 Tonsils				
Stockingford	"	Infants	33	205	f	116.10	1382	771	711	33		32		1	22		11	33			33		33		671		121			33	33			33	24	9	25	8					11 Nits, 1 Club Foot			
Average			1	6.11	f	3.7	42	25	23	1		4			4			4					4		86		10						4	0	1	0					1 Nits					
Metric						106.7	18.6																																							
Park Avenue	7 years	Infants	1	7.1	m	3.9	37	23	20	1		1			1			1					1	2	20		3						1	0	1	0					1 Consumption					
Queen's Road	"	Mixed	5	38.2	m	19	233	120	112	5		5			5			5					3		105		20						4	1		4	1				12 Consumption, 2 Cancer					
Stockingford	"	Infants	61	455.5	m	225.11	2803	1426	1316	61		61			60			61		1	61		61		1307		270			10	60	1	56		36	25	33	28					1 Curvature Spine, 1 Glasses			
Average			26	200.2	m	98.9	1248	624	564	26		26			24			2		25	1	26		542		69						26	6		17	9	12	14					1 Defective Articulation, 1 Club Foot			
Queen's Road	"	Mixed	6	46.4	m	23	282	144	131	6		6			6			6					6		124		20						6	3	5	1					3 Consumption					
Stockingford	"	Infants	33	252.3	m	152.6	1476	785	713	32	1	33			33			31		2	33		30	3	768		92			1	33	2 dis	32	1 MD	31	2	18	15	24	9					1 Cancer	
Average			132	7.6		3.11	46	23½	21½																21		3½							79	53	79	53					2 Consumption, 1 Cancer				
Metric						119.4	20.9																																							
Park Avenue	7 years	Infants	1	7	f	3.6	42	22	20	1		1			1			1					1		22								1	0	0	1					6 Consumption, 3 Cancer					
Queen's Road	"	Mixed	1	7.3	f	3.9	43	23	21	1		1			1			1					1		19		2						1	0	1	0					1 Cancer					
Stockingford	"	Infants	59	44.29	f	21																																								

BOROUGH OF NUNEATON.

TABLE II

NAME OF SCHOOL.	Depart- ment of School.	No. of Children Examined.	Age.	Sex.	Total Height.	Total Weight.	Inspi- ration.	Expiration	Nutrition.	Cleanliness of Body.	Cleanliness of Head.	Condition of Clothing.	Boots.	TEETH			Nose.	Throat	Hearing	Vision.	Eyes.	Mental Capacity.	Attendance of Parents.	Vaccina- tion.	Notices Issued.	Family History.	Remarks.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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																												G	M	B	C	M	D	C	D	V	Suff	Insuf	C	D	G	B	N	D	N	D	N	D	N	D	Yes.	No	Yes.	No																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Park Avenue	8 years	Mixed	4	33.9	m	15.9	204	97	89	4	4	4	4	4	81	68	13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</

BOROUGH OF NUNEATON.

TABLE III

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BOROUGH OF NUNEATON.

TABLE IV

NAME OF SCHOOL.	Department of School.	No. of Children Examined.	Age.	Sex.	Total Height.	Total Weight.	Inspira- tion.	Expiration	Nutrition.			Cleanliness of Body.			Cleanliness of Head.			Condition of Clothing.				Boots.		TEETH			Nose.	Throat.		Hearing.		Vision.		Eyes.	Mental Capacity.			Attendance of Parents.		Vaccina- tion.		Notices Issued.	Family History.		
									G	M	B	C	M	D	C	D	V	Suff	Insuf	C	D	G	B	Average No.	Average No. Sound	Average No. Defective		N	D	N	D	N	D		N	D	N	B	D	Yes.	No			Yes.	No
Abbey Street	4 years	Infants	30	134.6	m	99.3	1128			30			30			30			30			30		560	464	96				1	30						24	6	14	16	1 Consumption				
Attleborough Road	"	"	13	56.4	m	41.10	476			13			13			13			13		1	12		260	244	16					13						12	1	9	4	1 Cancer				
Coventry Road	"	"	13	60.7	m	42.6	564			13			13			13			13			13		260	240	20				2	13						9	4	8	5	2 Consumption, 1 Cancer				
Heath End	"	"	10	41.7	m	31.10	369			10			10			10			10			10		220	203	17					10						8	2	8	2					
Stockingford, Church Road	"	"	3	14.2	m	10.4	127			3			3			3			3			3		60	60	0					3						1	2	2	1	1 Cancer				
Vicarage Street	"	"	20	57.9	m	65.0	54			20			20		1	20			18		2	18		400	360	40			1	20						7	13	14	6	1 Tonsil, 1 Squint, 1 Discharge Ear					
St. Joseph's	"	"	8	36.0	m	26.5	247			7	1		8			8			8			8		156	134	22					8						6	2	6	2	1 Consumption				
Coton Road	"	"	97	4.5		3.3	37			96			96		1	96			95		1	96		25	23	2				4	97						57	30	61	36					
Average																																													
Centimeters Height						9.9	16.8																																						
Kilogram Weight																																													
Metric																																													
Abbey Street	4 years	Infants	39	175.0	f	127.11	1425			38	1		39			35		4	39			39		778	694	84			2	29						29	10	21	18	4 Nits, 1 Squint, 1 Ringworm					
Attleborough Road	"	"	16	61.3	f	49.9	540			16			16			15		1	16			16		216	271	48					16						10	6	10	6	1 Nits, 1 Squint,				
Coventry Road	"	"	9	43.2	f	29.5	331			9			9			8		1	9			9		178	154	24					9					8	1	3	6	1 Nits					
Galley Common	"	"	1	4.6	f	3.2	32			1			1			1			1			1		20	16	4					1					1	0	1	0						
Heath End	"	"	18	77.3	f	54.6	610			18			18			17		1	18			18		357	315	42					18					12	6	8	10	1 Nits					
Stockingford, Church Road	"	"	28	125.5	f	91.7	1006			28			28			26		2	28			28		553	455	98					28					13	15	14	14	1 Tonsil, 2 Nits, 1 Discharge Ear					
Vicarage Street	"	"	3	13.1	f	8.6	85			3			3			2		1	3			3		60	55	5					3					3	0	3	0	1 Nits					
St. Joseph's	"	"	114	4.4		3.3	35			113	1		114			104		10	114			114		194	174	24			2	114					76	38	60	54							
Average																																													
Metric						96.4	15.9																																						
Abbey Street	5 years	Infants	14	76.2	m	49.3	566			14			14			14			14			14		285	219	66					14					13	1	9	5	1 Heart Disease					
Attleborough Road	"	"	2	10.5	m	6.7	80			2			2			2			2			2		40	36	4					2					1	1	2	0	1 Cancer, 1 Consumption					
Coventry Road	"	"	27	153.3	m	94.7	1083			27			27			27			27			27		531	429	102			1	27					15	12	13	14	1 Consumption						
Galley Common	"	"	17	94.6	m	60.1	735			17			17			17			17		1	16		323	265	58			4	17					8	9	12	5	1 Ringworm						
Heath End	"	"	6	31.8	m	20.8	245			6			6			6			6			6		118	95	23					6				5	1	3	3							
Stockingford, Church Road	"	"	6	32.8	m	21.0	253			6			6			6			6			6		120	104	16					6				2	4	4	2							
Vicarage Street	"	"	7	33.6	m	24.1	285			7			7			7			7			7		134	107	27			2	7		2 Dis			4	3	6	1	2 Tonsils, 2 Discharge Ear						
St. Joseph's	"	"	5	27.8	m	16.10	162			4	1		5			5			5			5		89	93	6			1	4		1 Dis			5	0	4	1	1 Cancer						
Average			84	5.5		3.5	40			83	1		84			84			84			83	1	194	16	34			8	81	3				53	31	53	31							
Metric						104.2	18.1																																						
Abbey Street	5 years	Infants	18	98.4	f	61.10	712			17	1		17		1	13		5	18		1	18		350	305	45					18					13	5	10	8	5 Nits, 1 Mother's Mark					
Attleborough Road	"	"	2	10.3	f	6.7	76			2			2			1		1	2			2		40	39	1					2					2	0	1	1	1 Nits					
Coventry Road	"	"	29	150.3	f	97.1	1077			28	1		29			25		4	29			29		583	480	103			3	20					21	8	15	14	4 Nits						
Galley Common	"	"	20	103.11	f	63.9	795			20			19		1	12		3	20		1	19	1	399	333	66			4	19					9	11	14	6	8 Nits, 1 Squint						
Heath End	"	"	3	16.0	f	9.11	112			3			3			2		1	3			3		61	59	2					3					1	2	1	2	1 Nits,					
Stockingford, Church Road	"	"	6	33.7	f	20.9	229			4	2		6			6			6			6		124	104	20					6				3	3	3	3							
Vicarage Street	"	"	12	64.1	f	41.2	163			12			11		1	12			12			12		237	198	39					12					5	7	9	3	1 Nits, 1 Eczema, 1 Cleft Palate, 1 Hair Lip					
St. Joseph's	"	"	2	11.7	f	6.11	66			2			2			2			2			2		40	28	12					2					1	1	1	1						
Average			92	5.3		3.5	38			88	4		90		2	72		20	92		2	90	2	20	17	34			6	90	2				55	37	54	38							
Metric						104.2	17.2																																						

BOROUGH OF NUNEATON.

TABLE V

[illegible]

BOROUGH OF NUNEATON.

TABLE VI.

[illegible]

BOROUGH OF NUNEATON.

TABLE VII.

NAME OF SCHOOL.	Department of School.	No. of Children Examined.	Age.	Sex.	Total Height. f. in.	Total Weight. lbs.	Inspira- tion.	Expira- tion.	Nutrition.			Cleanliness of Body.			Cleanliness of Head.			Condition of Clothing.				Boots.		TEETH			Nose.	Throat		Hearing		Vision.		Eyes.	Mental Capacity.			Attendance of Parents.		Vaccina- tion.		Notices Issued.	Family History.			
									G	M	B	C	M	D	C	D	V	Suff	Insuf	C	D	G	B	Average No.	Average No. Sound	Average No. Defec-ve		N	D	N	D	N	D		N	D	N	B	D	Yes.	No			Yes.	No	
Abbey Street	12 years	Mixed	17	217.6	m	81.6	1230	458	418	17		17			17			17			17		436	410	26						17		16		1 MD			5	12	6	11	1 Sight				
Attleborough Road	"	"	12	152.5	m	53.8	850	322	290	12		12			12			12			12		297	274	23						12		12		7	1	11									
Coton Avenue	"	Boys	12	89.4	m	33.2	548	143	172	7		7			7			7			7		167	148	19						7		7		3	4	2	5								
Galley Common	"	"	12	153.4	m	51.7	884	329	298	12		12			11	1	12	12			12		299	272	27						12		12		4	8	4	8								
Heath End	"	Mixed	6	76.3	m	27.11	456	164	147	6		6			6			6			6		139	117	22						6		6		4	2	0	6								
Stockingford, Church Road	"	"	8	102.7	m	36.7	629	226	207	8		8			8			8			8		190	170	20						8		8		2	6	1	7								
St. Joseph's	"	"	1	12.10	m	4.7	53	27	25	1		1			1			1			1		26	24	2						1		1		0	1	0	1								
Vicarage Street	"	Boys	11	133.5	m	51.3	827	303	275	11		11			11			11			11		258	234	24						11		11		7	4	5	6								
Average			74	12.9		4.7	74	27	24	74		74			73	1	74	74			74		24	22	2				1		74		73		1		72	2	30	44	19	55	1 Rupture	4 Consumption 2 Cancer		
Metric Measures					Centimeters Height		Kilogram Weight																																							
Abbey Street	12 years	Mixed	14	179.0	f	63.5	1011	378	338	14		14			11		3	14			14		355	318	37				1	14		14		14		7	7	3	11	3 Nits						
Attleborough Road	"	"	8	101.9	f	37.6	588	220	199	8		8			7		1	8			8		200	188	12						8		8		5	3	1	7	1 Nits							
Coton, Avenue Road	"	Girls	18	223.5	f	84.10	1268	493	436	18		18			9		9	18			18		449	407	42						18		18		13	5	6	12	9 Nits	2 Cancer						
Galley Common	"	"	3	38.9	f	15.3	285	93	84	3		3			2		1	3			3		75	73	2						3		3		1	2	2	1	1 Nits							
Heath End	"	Mixed	10	129.0	f	49.1	861	286	257	10		10			10			10			10		253	231	22						10		10		7	3	2	8	1 Flat Foot, 2 Heart Disease	1 Consumption						
Stockingford Church Road	"	"	5	64.4	f	23.4	393	142	131	5		5			5			5			5		121	110	11						5		5		4	1	2	3								
Vicarage Street	"	Girls	15	192.4	f	67.7	1057	396	366	15		15			11		4	15			15		376	358	18						15		15		8	7	5	10	4 Nits, 1 Myopia, 1 Bad Hearing							
St. Joseph's	"	"	3	37.4	f	13.2	162	79	72	3		3			3			3			3		69	67	2						3		3		3	0	0	3								
Average			76	12.9		4.8	74	27	24	76		76			58		18	76			76		25	234	14				4	75	1	76		76		48	28	21	55							
Metric					Centimeters Height		Kilogram Weight																																							
Abbey Street	13 years	Mixed	13	170.2	m	61.0	997	362	326	13		13			13			13			13		312	292	20						13		13		4	9	3	10	2 Nits, 1 Heart Disease							
Attleborough Road	"	"	7	94.1	m	32.11	572	194	176	7		7			7			7			7		174	156	18						7		7		2	5	2	5	2 Nits, 1 Adenoid	2 Consumption						
Coton Avenue Road	"	Boys	5	65.3	m	23.1	379	134	121	5		5			5			5			5		118	96	22						5		5		0	5	2	3	3 Nits							
Galley Common	"	"	4	53.0	m	18.10	306	112	103	4		4			4			4			4		100	95	5						4		4		4	1	0	4								
Stockingford, Church Road	"	Mixed	2	26.0	m	9.6	146	53	48	2		2			2			2			2		49	44	5						2		2		1	1	1	1								
Vicarage Street	"	Boys	17	226.9	m	79.0	1364	481	437	16	1	17			17			17			17		415	380	35				2		17		15		5	12	7	10	2 Sight							
St. Joseph's	"	"	2	27.4	m	10.6	128	56	51	2		2			2			2		1	2		50	47	3						2		2		0	2	2	0	1 Defective Articulation,							
Average			50	13.3		4.8	77	254	25	49	1	50			49		1	50			49		24	22	2				2		50		48		15	35	17	33								
Metric					Centimeters Height		Kilogram Weight																																							
Abbey Street	13 years	Mixed	7	93.7	f	32.0	532	190	170	7		7			7			7			7		175	155	20				1		7		7		5	2	5	2	2 Nits, 1 Heart Disease							
Attleborough Road	"	Mixed	2	27.7	f	9.1	138	53	48	2		2			1		1	2			2		52	52	0						1		2		2	0	0	2	2 Nits, 1 Adenoid	2 Consumption						
Coton Avenue Road	"	Girls	8	108.3	f	37.6	599	221	200	8		8			5		3	8			8		186	163	23						8		8		5	3	3	5	3 Nits							
Galley Common	"	Mixed	1	13.0	f	4.9	78	27	24	1		1			1			1			1		28	20	8						1		1		1	0	0	1								
Heath End	"	"	5	67.10	f	23.3	403	144	132	5		4			1			5			5		124	119	5						1		5		2	3	3	2								
Stockingford, Church Road	"	Mixed	7	93.8	f	32.10	593	201	185	7		7			1			7			7		165	145	20						1		7		5	2	6	1	1 Nits							
Vicarage Street	"	Girls	12	161.0	f	57.1	992	339	315	12		12			10		2	12			12		315	296	19						12		12		2	10	5	7	2 Nits							
St. Joseph's	"	"	1	13.6	f	4.6	51	26	24	1		1			1			1			1		27	26	1						1		1		0	1	0	1								
Average			43	13.5		4.7	76	28	25	43		42			1	34		9	43		43		244	214	2				6		42		1		43		22	21	22	21						
Metric					Centimeters Height		Kilogram Weight																																							
Vicarage Street	14 years	Boys	2	28.4	m	10.0	205	63	58	2		2			2			2			2		40	31	9						2		2		0	2	1	1								
Average				14.2		5.0	102																20	154	44																					
Vicarage Street	14 years	Girls	1	14.8	f	4.11	88	30	28	1		1			1			1			1		27	24	3																					

Report on Examination of Provided Schools.

School.	Surroundings & General Arrangements	Ventilation.	Window Lighting	Artificial Lighting	Heating.	Buildings.	Sanitation Conveniences, Etc.	Cleanliness.	Washing and Drinking Arrangements.	Cloak Room	Equipment, Desks, etc.	Drying Boots, Clothes, etc.	Remarks.
Queen's Road Mixed	Good	Good	Good	Good (Electric)	Good Open Fire Places Hot Water and Radiators	Good Covered Building for playing	Good Boy's Closets, Girls Closets automatic flushing	Good	Good, Lavatory Basins Tap and Hot Water	Good	Good,	Good, heated by hot water	
Queen's Road Infants	Good	Good	Good	Good (Electric)	Good (do.)	Good Covered Building for playing	Good Boy's Closets, Girls' Closets	Good	Good, Lavatory Basins and Taps, Hot Water	Good	Good	Good, heated by hot water. Special arrange- ments in baby room	
Park Avenue Mixed	Good	Good	Good	Good (Electric)	Good (do.)	Good Covered Playground	Good Boy's Closets, automatic flushing Girls (do.) Urinal,	Good	Good Lavatory Basins, Tap and Sink	Good	Good	Good, heated by hot water	
Park Avenue Infants	Good	Good	Good	Good (Electric)	Good (do.)	Good Covered Playground	Good Closets, automatic, Urinal	Good	Good, Lavatory Basin Tap and Sink	Good	Good	Good heated by hot water	
Stockingford Council Mixed	Good	Good	Good	Good (Gas)	Good Fireplaces and Radiators	Good Covered Playground	Good Automatic Flushing Closets	Good	Good, Lavatory Basins, Stand Pipe	Good	Good	Good, heated by hot water	
Stockingford Council Infants	Good	Good	Good	Good (Gas)	Good Fire Places and Radiators.	Good Covered Playground	Good Automatic Flushing Closets	Good	Good, Lavatory Basins, Stand Pipe	Good	Good	Good, heated by hot water	

Report on Examination of Non-Provided Schools.

School.	Surroundings & General Arrangements	Ventilation.	Window Lighting	Artificial Lighting	Heating.	Buildings.	Sanitation Conveniences, Etc.	Cleanliness.	Washing and Drinking Arrangements.	Cloak Room.	Equipment, Desks, etc.	Drying Boots, Clothes, etc.	Remarks.
Stockingford Church of England Mixed	Good	Good	Good	Good (Gas)	Fire Places only, Good	Good	Good, Trough hand flushed Closets, not automatic	Good	Good, 4 Lavatory Basins, 1 Tap in Lobby	Fair	Good,	None	
Stockingford Church of England Infants	Good	Good	Good	Good (Gas)	Fire Places only, Good	Good	Good, Trough not automatic, Urinal fair	Good	No Lavatory Basins, 1 Tap in Lobby, open Sink	Fair	Good	None	
Galley Common Mixed and Infants	Good Playground not Paved, Uneven Surface	Good	Good	Good (Oil Lamps)	Open Fire Places Good	Good	Ashpit Privies, 1 Ashpit and 11 Privies	Good	Good, 8 Lavatory Basins, 1 Central Drinking Tap	Good	Fair	None	
Heath End Mixed	Good	Good	Good	Good (Gas)	Open Fire Places Good	Good	Good, Urinal Good, Trough Closets, automatic	Good	No Lavatory Basins, 1 Tap, only 1 Bowl	Good	Good	None	
Heath End Infants	Good	Good	Good	Good (Gas)	Open Fire Places Good	Good	Good, Urinal Good, Boy's Trough Closets, automatic	Good	No Lavatory Basins 1 Bowl 1 Tap	Good	Good	None	
Avenue Road Boys	Good	Good	Good	Good (Gas)	Open Fire Places Good	Good	Good, Flush Closets, not automatic, hand flushed	Good	Good, 4 Lavatory Basins and Sink, 1 Tap	Good	Good	None	
Avenue Road Girls	Good	Good	Good	Good (Gas)	Open Fire Places Good	Good	Flush Closets, not automatic	Good	No Lavatory Basins, only Sink, 1 Tap	Insufficient	Good	None	
Coventry Road Infants	Good	Good	Insufficient in 2 Rooms facing Coton Road	Good (Gas)	Open Fire Places Good	Good	Flush Closets, not automatic	Good	Good, 2 Lavatory Basins, 1 Tap	Good, but chairs and tables block it up	Good	None	
Roman Catholic Mixed and Infants	Good	Good	Good	Good (Gas)	Open Fire Places Good	Good	Closets (good), automatic, 2 Urinals	Good	Lavatory Basins Good 1 Tap	Good (two)	Good	None	
Vicarage Street, Church of England, Boys	Good	Good	Good	Good (Gas)	Good Open Fires	Good	Trough Closets, hand flushed, Urinals, Good	Good	Good	Good	Good	None	
Vicarage Street, Church of England, Girls	Good	Good	Fair	Good (Gas)	Open Fires and 2 Gas Radiators Good	Good	Trough Closets, hand flushed	Good	Good	Good	Good	Open Fireplace in Cloak Room	Class Room No. 3, Window Lighting insufficient
Vicarage Street Church of England Infants	Good	Good	Good	Good (Gas)	Good Open Fires	Good	Trough Closets	Good	Fair	Good	Good	None	
Attleborough Church of England Mixed	Good	Good	Good except Nos. 3 & 2 Class-rooms trees darken it.	Good (Gas)	Good	Good Walls somewhat damp, especially No. 3 room. No. 4 room very small, C.C. 2052 should not be used except as occasional room	Good, Trough Closets, not automatic	Good	Good, but not enough for whole of the School	Insufficient	Good	None	
Attleborough Church of England Infants	Good	Good	Good	Good (Gas)	Good	Good	Good, Trough Closets, not automatic, hand flushed	Good	Good, require more Bowls	Insufficient	Good	None	
Abbey Street Mixed	Good	Good	Good	Good (Gas)	Good Open Fire and Radiators	Good	Good, hand flushed Closets, Urinal good	Good	Good, 6 Lavatory Basins and 1 Tap	Good (Insuf)	Good	None	
Abbey Street Infants	Good	Good	Good	Good (Gas)	Good Open Fire Places and 1 Gas Stove	Good	Good, Trough Closets, hand flushed, Urinal good	Good	Good, 3 Lavatory Basins, 1 Tap outside	Good (Insuf)	Fair	None	

